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GEORGE C. MARSHALL SPACE
FLIGHT
CENTER

SATURN V PROGRAM DIRECTIVE

NUMBER: 20

SUBJECT: AUTHORIZATION FOR SHIPMENT OF SATURN V ITEMS

ORIGINAL ISSUE DATE: Jan. 27, 1966 REVISION NUMBER:

DATE OF REVISION: PREPARED BY: Systems Engineering Office, I-V-E

I. PURPOSE

This directive establishes the authority for shipment of all Saturn V items from factory to location of utilization, to provide assurance that:

- Items being shipped have met all the government criteria prior to shipment.
- Items being shipped are adequately protected against all environments encountered during transit.
- The required instrumentation for monitoring the shipping environment has been installed.
- The receiving agency is properly oriented for receipt of the equipment.

II. SCOPE

This directive covers:

- S-IC Stage Project
- S-II Stage Project
- S-IVB Stage Project
- Instrument Unit (IU) Project
- Launch Vehicle Ground Support Equipment (LVGSE) Project

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The overall Saturn V Program under the cognizance and direction of the Saturn V Program Manager.

B. Project

Specific elements of the Saturn V Program that have been delegated responsibility and authority by the Saturn V Program Manager.

C. Authority for Shipment

The Project Manager's, or designee's, signature endorsement of the specific contractual instrument which authorizes transfer of Saturn V items between any two locations as follows:

- Manufacturing site and captive (acceptance) firing site.
- Manufacturing site and dynamics test site.
- Manufacturing site and Kennedy Space Center.
- Captive (acceptance) firing site and Kennedy Space Center.
- Captive (acceptance) firing site and post firing checkout site.
- Any two sites (manufacturing, test, launch, etc.)

D. Adequate Protection for Shipment

The minimum protective measures that will prevent damage to items when subjected to transportation environment defined in the procurement specification.

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The cognizant Saturn V Stage, Instrument Unit, and Launch Vehicle Ground Support Equipment Project Manager is responsible for determining:

- That all the program requirements pertinent to any location specified in III above have been completed with prior to his endorsement of the item transfer authorization.
- That the receiving agency is properly oriented to receive, inspect, test and checkout, rework or repair as necessary and/or make intended use of the items being shipped.

V. IMPLEMENTATION

A. The Saturn V Stage or GSE Project Manager, through appropriate contract channels, as applicable, shall:

- Establish and implement formal procedures as necessary for granting the authority for shipment.
- These procedures shall require the Project Manager's endorsement of the specific contractual instrument which authorizes transfer or shipment of the item.
- Delegation to designee in writing.
- This endorsement shall certify:
 - That the program requirements for the item pertinent to the location have been met prior to the transfer of the item to any other location.
 - That all necessary steps for transportation to the next location have been accomplished.
 - That the receiving agency is properly oriented.

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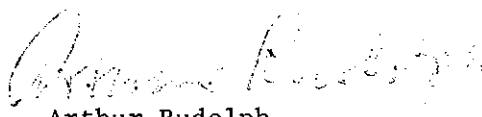
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V. IMPLEMENTATION (Continued)

B. Where formal procedures exist for determining that program requirements have been fulfilled at the various locations, then the Project Manager may meet the requirements of this directive by imposing a requirement for his endorsement on the contractual instruments which authorize transfer of equipment.

VI. EFFECTIVITY

This directive is effective immediately.



Arthur Rudolph
Manager, Saturn V Program

Distribution

All Saturn V (Stage) Project Managers
All Saturn V Staff Office Managers
Saturn V Program Manager's File (1)